

Apparatus for applying reinforcing fibers onto a polymeric material, e.g. in the production of tubes and shock absorbers contains a positioning ring having a row of equidistant holes along its periphery

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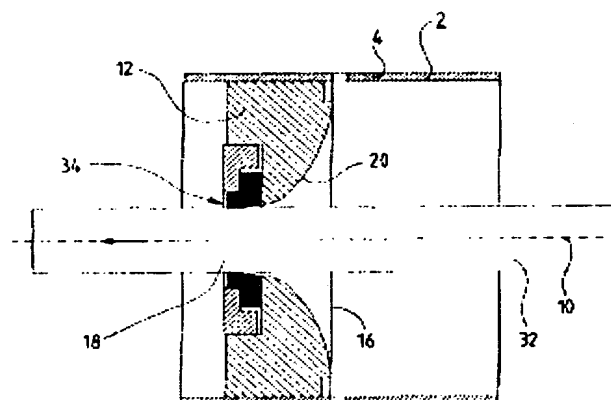


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Abstract of DE19846852

Apparatus for applying reinforcing fibers onto a polymeric material contains a positioning ring (4) having a row of equidistant holes along its periphery. Apparatus for applying reinforcing fibers onto a polymeric material contains a positioning ring (4) having a row of equidistant holes along its periphery. A reinforcing fiber is fed radially inwards through each hole in an inlet angle to the longitudinal axis of the positioning ring. A rotationally symmetrical funnel-like deviating element (12) encloses a channel with an annular inlet opening (16) and a smaller annular outlet opening (18) and the reinforcing fibers are fed onto the radial inner surface (20). At the inlet opening (16) the deviating element has an inlet angle to the longitudinal axis of the deviating element corresponding to inlet angle of the reinforcing fibers to the longitudinal axis of the positioning ring. At the outlet opening the deviating element has an outlet angle to the longitudinal axis of the deviating element lying between 0 and 25, preferably 0 and 10 deg .



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